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(54) METHOD FOR BISPHENOL A PRODUCTION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing bisphenol A in a high conversion rate with controlling reduction in catalytic activity by methanol being an impurity in acetone when bisphenol A is produced by condensing phenol with acetone by using an acid type ion exchange resin catalyst partially modified with a sulfur-containing amine compound.

SOLUTION: A modified acid type ion exchange resin having ≥ 10 mol % and < 20 mol % modification ratio is used as the modified acid type ion exchange resin when methanol concentration in acetone is < 250 wt.ppm. A modified acid type ion exchange resin having 20-65 mol % modification ratio is used as the modified acid type ion exchange resin when the methanol concentration is 250-8,000 wt.ppm.

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